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ABSTRACT

The references presented are organized into the following sections--(1) general planning, (2) general-usage facilities (administrative, audiovisual, health, kitchen and lunchroom, library), (3) special facilities (arts and crafts, foreign language, music, physical education, science and mathematics), (4) furniture, equipment, and instructional materials, and (5) facilities and equipment for the handicapped. (FS)

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
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School Housing Section

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SELECTED REFERENCES ON FACILITIES AND EQUIPMENT FOR ELEMENTARY SCHOOLS

By W. Edgar Martin, Specialist for School Furniture and Equipment

_____ Items checked contain information relative to your inquiry.

GENERAL PLANNING

Association for Childhood Education International. Space, Arrangement, Beauty in School (Bulletin No. 102). Washington 16: The Association, 1958. 52 p.

Bell, Millard D. Principles of Planning Good Elementary Schools. In Proceedings of the Association of School Business Officials, 38:341-43, 1952.

Brown, Paul R. A Complete Elementary School. American School Board Journal, 122:41, April 1951.

Bryner, James R., and Charles Burchard. North College Hill Primary School--A Design for Children. American School and University, 29:1:137-42, 1957-58.

Can an Elementary School be Designed for Future High School Use?--A Symposium. School Management, 3:30-33,78-79, March 1958.

Caudill, William W. and others. Air-Conditioned Elementary School. School Executive, 76:62-66, November 1956.

_____. Toward Better School Design. New York: F. W. Dodge Corp., 1954. 271 p.

Cherry, Ralph W. Implications of Child Growth and Development for School Plant Design. American School and University, 27:423-28, 1955-56.

Clish, Herbert C. What a Modern Elementary Program Requires in a School Plant. In Proceedings of the Association of School Business Officials, 36:147-53, 1950.

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OFFICE OF EDUCATION
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Cocking, Walter D. Project: Planning an Elementary School. American School and University, 21:92-100, 1949-50.

Department of Elementary School Principals, National Education Association. Elementary School Buildings--Design for Learning. In National Elementary Principal, 32:1:198, September 1959.

Eckel, Howard. Features of Outstanding Classrooms. American School and University, 23:143-50, 1951-52.

Editors of Architectural Record. School Planning. New York: F. W. Dodge Corp., 1951. 456 p.

_____. Schools for the New Needs: Educational, Social, Economic. New York: F. W. Dodge Corp., 1956. 312 p.

Educational Facilities Laboratories. Profiles of Significant Schools:
Belaire Elementary School, San Angelo, Tex., September 1960. 19 p.
Heathcote Elementary School, Scarsdale, N. Y., September 1960. 30 p.
Montrose Elementary School, Laredo, Tex., June 1960. 16 p.
Public School No. 9 (Grades K-1), Borough of Queens, New York City, September 1960. 12 p.
Schools for Team Teaching (Ten representative examples). February 1961. 65 p.
Two Middle Schools (Grades 5-8), Saginaw Township, Mich., September 1960. 21 p.
(A series of reports - single free copies available from Educational Facilities Laboratories, 477 Madison Avenue, New York 22.)

Emerging Instructional Patterns and School Design--Special Report. American School Board Journal, 142:1:24-28, January 1961.

Englehardt, Nicholas L., Jr. The Working Heights of Elementary School Children. American School and University, 22:349-50, 1950-51.

_____ and others. Planning Elementary School Buildings. New York 18: F. W. Dodge Corp., 1953. 268 p.

_____. School Planning and Building Handbook. New York 18: F. W. Dodge Corp., 1956. 626 p.

Heffernan, Helen, and Charles Bursch. Curriculum and the Elementary School Plant. Washington 6: National Education Association, Association for Supervision and Curriculum Development, 1958. 482 p.

Herrick, John H. and others. From School Program to School Plant. New York 17: Henry Holt & Co., 1956. 482 p.

Hiatt, Hugh W. Toilet Provisions in Elementary Schools. American School and University, 26:409-14, 1954-55.

How Multi-Purpose is Your "M-P" Room? School Planning, 3:2:2-6, March-April 1958.

How Teachers Planned a Classroom--An Interview. School Management, 5:6:51-53, July 1961.

Jacobek, Avery A. Kindergarten Can be Taught in a Barn, If....--An Interview. School Planning, 2:4:12-15, August-September 1957.

Kilbride, Robert E. How to Use Teachers in Planning New Schools. School Planning, 3:4:2-7, October 1958.

MacConnell, James D. Planning the Elementary School. In Planning for School Buildings. Englewood Cliffs, N. J.: Prentice-Hall, Inc. 1957. p. 171-96.

Macintyre, Ethel L. A Kindergarten Expert for Better Design. School Planning, 2:4:2-9, August-September 1957.

Martin, W. Edgar. Basic Body Measurements of School Age Children. U.S. Department of Health, Education, and Welfare, Office of Education, 1953. 74 p. (Single free copies available from the author, School Housing Section, Office of Education, Washington.)

_____. Children's Body Measurements for Planning and Equipping Schools (Special Publication No. 4). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1955. 113 p.

_____. Functional Body Measurements of School Age Children. Chicago 3: National School Service Institute, 1954. 90 p. (Now available from National School Supply & Equipment Association, 27 East Monroe Street, Chicago 3.)

_____. Style Comes to the Classroom. Overview, 2:6:48-49. January 1961.

_____. Selected References on School Seating. July 1961. 9 p. (School Facilities Services bibliography available from the author, School Housing Section, Office of Education, Washington.)

Mock, Elizabeth B., and Rudolf Mock. Schools are for Children: Observations on Elementary School Design. American School and University, 15:37-42, 1943.

National Council on Schoolhouse Construction. Elementary School Plant Planning. Nashville, Tenn.: The Council, 1958. 96 p. (Now available from Executive Secretary, Floyd G. Parker, 409 Education Building, Michigan State University, East Lansing.)

_____. The Elementary School. In Guide for Planning School Plants. Nashville, Tenn.: The Council, 1958. p. 36-49. (Now available from Executive Secretary, Floyd G. Parker, 409 Education Building, Michigan State University, East Lansing.)

New England School Development Council. The Elementary School Classroom. Peabody House, Cambridge 38, Mass.: The Council, 1950. 25 p.

New York. State Education Department, Division of School Buildings and Grounds. Planning the Elementary School Plant. Albany: University of the State of New York Press, 1957. 22 p.

Newman, Audrey. School and Multi-School Instructional Materials Centers. American School and University, 30:1:263-70, 1958-59.

North Carolina. State Superintendent of Public Instruction. Schools for Young Children--Nursery Schools and Kindergartens (Publication No. 305). Raleigh: The Superintendent, September 1, 1955. 32 p.

Odell, C. W. Standards for the Evaluation of Elementary School Buildings. Champaign: the author, University of Illinois, 1951. 74 p.

Perkins, Lawrence B. Work Place for Learning. New York 22: Reinhold Publishing Corp., 1957. 63 p.

Pohlman, Lauren V. Space Relationships in Elementary Schools. In School Plant Studies (American Institute of Architects, BT 1-4). July-August 1952. 4 p.

Reid, John Lyon. Color for Schools. In School Plant Studies (American Institute of Architects, BI 1-18). January-February 1955. 4 p.

Rice, Arthur H. What Research Knows About Color in the Classroom. Nation's Schools, 52:I-VIII, November 1953.

Scaled to Children--Plant News. Overview, 2:1:63, January 1961.

Schaaf, Pearl, and Donald O. Bush. A Schoolroom for 5-Year-Olds. School Planning, 2:4:22-27, August-September 1957.

Schmidt, H. W. Planning and Equipping the Elementary Classroom. American School Board Journal, 126:64, January 1953.

Shaw, Archibald B., and Lawrence B. Perkins. Planning the Elementary School. American School Board Journal, 129:58-64, July 1954.

Taylor, James L. Administrative Facilities in School Buildings (Special Publication No. 6). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1957. 52 p.

_____. Planning and Designing the Multipurpose Room in Elementary Schools (Special Publication No. 3). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1954. 48 p.

_____ and others. Designing Elementary Classrooms (Special Publication No. 1). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1953. 55 p.

Texas Education Agency. Schools for Young Children (Bulletin No. 539). Austin: The Agency, February 1953.

Waechter, Heinrich H. Pre-School Buildings. In School Plant Studies (American Institute of Architects, BI 1-12). January-February 1954. 4 p.

_____, and Elizabeth Waechter. Schools for the Very Young. New York 18: F. W. Dodge Corp., 1955. 208 p.

Weber, Robert Adam. Space Relationships, Instructional Aids, and Human Relationships as Class Size Considerations in Elementary Schools. Austin: The University of Texas, 1952. (Unpublished doctoral dissertation.)

Wilson, Russell E. Flexible Classrooms: Practical Ideas for Modern Schoolrooms. Detroit: Carter Publishing Co., 1953. 64 p.

Zimmerman, William J. The Relationship of Initial Cost and Maintenance Cost in Elementary Schools. Stanford, Calif.: Stanford University Press, 1960. 13 p.

GENERAL-USAGE FACILITIES

Administrative Office

How to design a school office. School Management, 4:61-64;96, October 1960.

Audiovisual

Department of Audiovisual Instruction, National Education Association. Planning Schools for Use of Audio-Visual Materials--No. 1 Classrooms; No. 2 Auditoriums; No. 3 AV Instructional Materials Center. Washington 6: The Department, rev. 1958; 1953; 1954. 63 p., 36 p., and 80 p.

Newman, Audrey. School and Multi-School Instructional Materials Centers. American School and University, 30:263-70, 1958-59.

Health

Clinic Nursery School. Progressive Architecture, 35:7:94-97, July 1954.

Cunningham, R. N. Eye Health of Kindergarten Children. School Planning, 3:1: 4-11, January-February 1958.

Kitchen and Lunchroom

Flambert, Richard. Central Kitchens--The Answer? In School Plant Studies (American Institute of Architects, BI 1-36). December 1958. 4 p.

_____. How to plan a school kitchen. School Management, 4:55-57;118, November 1960.

Heckler, Ruth. Planning and Equipping a Lunchroom. Nation's Schools, 56:98-102, October 1955.

Trends in School Feeding. School Management, 5:6:45-54, August 1961.

U.S. Department of Agriculture, Agricultural Marketing Service. A Guide for Planning and Equipping School Lunchrooms (Pamphlet No. 292). Washington: U.S. Government Printing Office, 1956. 66 p.

Library

American Library Association. Standards for School Library Programs. Chicago 11: The Association, 1960. 132 p.

Beust, Nora E. Digest of Elementary School Library Standards, by State, 1954. In School Library Standards, 1954 (Bulletin 1954, No. 15). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1954. p. 36-43.

Clark, Pheta A. Minimum Library Facilities for the K-Six School. American School and University, 30:1:215-22, 1958-59.

Hansen, John E. Designing School Libraries. American School and University, 24:275-78, 1952-53.

Hayward, W. George, and Henry E. Kentopp. The Elementary School Library. American School and University, 22:293-96, 1950-51.

National Education Association, Department of Elementary School Principals. Elementary-School Libraries Today (Thirtieth Yearbook). Washington 6: The Association, 1951. 312 p.

Tyler, James W. Physical Requirements of the Elementary School Library. School Executive, 73:1:71, September 1953.

What is a good school library? School Management, 4:52-56;94-96, June 1960.

SPECIAL FACILITIES

Arts and Crafts

National Art Education Asscciation. Planning Facilities for Art Instruction. Washington 6: The Association, 1960. 44 p.

Nihart, Claude E. Industrial Arts in the Elementary Schools--Grades 1-6. American School Board Journal, 125:34-36, September 1952.

Winslow, Leon L. Art Rooms for New School Buildings. American School Board Journal, 122:29-31, January 1951.

Foreign Language

Turner, Thomas. How to start a foreign language program in your elementary schools. School Management, 3:51-53, October 1959.

Music

Cincinnati Public Schools, Department of Research, Statistics, and Information. Practices of Boards of Education of Large Cities in Furnishing, Purchasing, and Insuring Musical Instruments. Cincinnati, Ohio: Public Schools, August 1956. 17 p.

Music Educators National Conference. Music Buildings, Rooms and Equipment (Music Education Research Council Bulletin No. 17). Chicago 4: The Conference, 1955. 96 p.

Physical Education

Athletic Institute. Planning Facilities for Health, Physical Education, and Recreation. Chicago 54: The Institute, 1956. 154 p.

_____ and American Association for Health, Physical Education, and Recreation. Equipment and Supplies for Athletics, Physical Education and Recreation. Chicago 54: The Institute, 1960. 97 p.

Cornacchia, Harold J., and John E. Nixon. Playground Facilities for Rural and Small Elementary Schools (Educational Administration Monograph No. 4). Stanford, Calif.: Stanford University Press, 1955. 43 p.

Florida. State Department of Education. Facilities for Physical Education (Bulletin No. 13 A). Tallahassee: The Department, 1954. 73 p.

Schneider, Elsa. Physical Education in Urban Elementary Schools (Bulletin 1959, No. 15). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1959. 91 p.

What you can do to up-grade your physical education program--An Interview. School Management, 5:6:30-34;64-67, July 1961.

Science and Mathematics

Berger, Emil J., and Donovan A. Johnson. A guide to the use and procurement of teaching aids for mathematics. Washington 6: National Council of Teachers of Mathematics, April 1959. 41 p.

Martin, W. Edgar. Facilities and Equipment for Science and Mathematics: Requirements and Recommendations of State Departments of Education (Misc. No. 34). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1960. 130 p.

_____ and others. Facilities, Equipment, and Instructional Materials for the Science Program. In Rethinking Science Education (Fifty-ninth Yearbook of the National Society for the Study of Education, Part I, Chicago: University of Chicago Press). 1960. p. 229-57. (Offprint available from the author, School Housing Section, Office of Education, Washington.)

National Science Teachers Association. Facilities for Elementary Science: Suggested Equipment and Supplies for Elementary School Science. In School Facilities for Science Instruction. Washington 6: The Association, 1954. p. 53-57;230-31.

Sternig, John. Purposeful Science for Elementary Grades. Nation's Schools, 65: 2:91-98, February 1960.

_____. Programs for Elementary School Science: What Kind? Nation's Schools, 61:46-48, May 1958.

Telfer, Richard G. Homemade Science Kits: Low-cost Teaching Aids. School Management, 4:72-73, July 1960.

FURNITURE, EQUIPMENT, AND INSTRUCTIONAL MATERIALS

Association for Childhood Education International. Children can make it!--Experiences in the world of materials (Reprint Service Bulletin No. 28). Washington 16: The Association, 1954 and 1955. (Articles from 1954-55 issues of Childhood Education.)

_____. Creating With Materials for Work and Play (ACEI Bulletin No. 5). Washington 16: The Association, Undated. (Consists of 12 leaflets.)

_____. Equipment and Supplies--A List of Recommended Materials for Nursery, Kindergarten, Primary, and Intermediate Schools and Home Use(Bulletin No. 39, rev.). Washington 16: The Association, 1961. 116 p.

Brainerd, David S. Selection of Equipment in Elementary Schools. American School and University, 27:181-84, 1955-56.

Council of Chief State School Officers, Educational Facilities Laboratories, and others. Purchase Guide for Programs in Science, Mathematics, Modern Foreign Languages. Boston: Ginn & Co., 1959. 336 p.

_____. Supplement to Purchase Guide for Programs in Science, Mathematics, Modern Foreign Languages. Boston: Ginn & Co., 1961. 60 p.

Department of Elementary School Principals, National Education Association. Instructional Materials for Elementary Schools (Thirty-fifth Yearbook). Washington 6: The Department, September 1956. 310 p.

Jackson, R. H. Equipment for a New School. American School Board Journal, 133:56-57;74, October 1956.

McQuade, Walter. ed. Furniture. In Schoolhouse. New York: Simon and Schuster, 1958. p. 167-73.

National Audio-Visual Association. 1962 Audio-Visual Equipment Directory. Fairfax, Va.: The Association, 1962. 331 p.

National Education Association, Research Division. Improving Instruction Through an Adequate Materials Program. In Instructional Materials for Elementary Schools (Thirty-fifth Yearbook of the Department of Elementary School Principals). Washington 6: The Association, 1956. p. 10-16.

New England School Development Council. Kindergarten Study. Spaulding House, Cambridge 38, Mass.: The Council, 1953. 34 p.

Otto, Henry J. An Experiment With Elementary School Classroom Seating and Equipment. Texas School Board Journal, 2:3:6, December 1955.

Pennsylvania. State Department of Public Instruction. The Elementary School Curriculum as Affected by the School Plant. In The Elementary Course of Study--An Interim Report (Bulletin No. 233-B). Harrisburg: The Department, 1949. p. 18-22.

Perhach, Andrew George. Materials and Equipment for Elementary School Science. Normal: Illinois State Normal University, 1953. (Unpublished master's thesis.)

Pickell, Frank G. The Evolution of Equipment in the Elementary School. American School and University, 4:285-89, 1931-32.

Piltz, Albert. Science Equipment and Materials for Elementary Schools (Bulletin 1961, No. 28). U.S. Department of Health, Education, and Welfare, Office of Education. Washington: U.S. Government Printing Office, 1961. 66 p.

Pinnell, Leroy K. Functionality of Elementary School Desks (Bureau of Laboratory Schools Publication No. 5). Austin: The University of Texas, 1954. 160 p.

Sampson, Foster K. Effects of Teaching Equipment and Supplies on Visual Environment. In School Plant Studies (American Institute of Architects, BI 1-42). Reprinted October 1960. 4 p.

Schmidt, H. W. Planning and Equipping the Elementary Classroom. American School Board Journal, 126:64-65;88, January 1953.

Sanders, David C. Innovations in Elementary School Classroom Seating (Bureau of Laboratory Schools Publication No. 10). Austin: University of Texas, 1959. 177 p.

Shaw, A. B. Tools Needed to Teach the Three R's. School Executive, October 1950. p. 84-86.

Thomas, George. Formula for Purchasing Basic Readers. Nation's Schools, 59: 57-58, April 1957.

FACILITIES AND EQUIPMENT FOR THE HANDICAPPED

American Standards Association. American Standard Specifications for Making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped (Standard No. A117.1-1961). New York 16: The Association, 1961. 11 p.

Delaney, John F., and Jane A. Neil. Chicago's Complete School for the Physically Handicapped. American School Board Journal, 134:57, March 1957.

Facilities for the Physically Handicapped--A Symposium. (Maurice C. Turner Elementary School for Normal and Handicapped, Elmhurst, Ill., and Wendy Hall Residential School for Severly Handicapped, Nottingham, England.) School Executive, 57:72-75;76-77, March 1958.

Fresno's Sunshine School for Spastics. American School Board Journal, 126:66-67, January 1953.

Heilman, H. L. Suite for Educable Mentally Retarded Children in Elementary School. Exceptional Children, 21:289-91, May 1955.

How your district can help hard-of-hearing children at very low cost. School Management, 2:42-43;77, March 1958.

Illinois Commission for Handicapped Children. Architectural Blocks in School Buildings--The Problem and the Solution. Chicago 1: The Commission, March 1954, 14 p.

Lake, Ernest G., and Malcolm W. Williams. Facilities for a Pilot Orthopedic Program. American School Board Journal, 141:6:15-18, December 1960.

Mullen, Frances A. Special Needs Dictate Design of School for Physically Handicapped. Nation's Schools, 59:45-48, February 1957.

Otto, Henry J. Teaching Handicapped Children. Nation's Schools, 50:38-43, July 1952.

Provisions for Exceptional Children. School Executive, 75:64-75, December 1955.

Patterson, Joseph J. Handicapped Children not Forgotten in This Texas Elementary School Building. Nation's Schools, 49:68-69, June 1952.

Salisbury, Arnold and others. Building Aids Integration of Physically Handicapped. Nation's Schools, 58:62-67, August 1956.

Salmon, F. Cuthbert, and Christine F. Salmon. Rehabilitation Center Planning--An Architectural Guide. University Park: Pennsylvania State University Press, State College, 1959. 164 p.

_____. Supplement to Rehabilitation Center Planning--An Architectural Guide. University Park: Pennsylvania State University Press, State College, 1958. 26 p.

_____. Schools for the Handicapped. School Executive, 63:46-53, February 1952.

Turner, Maurice C. Elementary School for Normal and Handicapped. School Executive, 77:72-75, March 1958.

Tudyman, Al, and George T. McKee. Public School for Crippled Children. School Executive, 74:62-67, August 1954.

Wong, Paul Y., and Paul D. Ehret. Opportunity for the Physically Handicapped. American School and University, 29:1:235-40, 1957-58.

NAMES AND ADDRESSES OF PERIODICALS

American School and University. American School Publishing Corp., New York

American School Board Journal. Bruce Publishing Co., Milwaukee, Wis.

Exceptional Children. 1201 16th Street, NW., Washington 6, D.C.

Nation's Schools. Modern Hospital Publishing Co., Inc., 1950 Merchandise Mart, Chicago.

National Elementary Principal. 1201 16th Street, NW., Washington 6, D.C.

Overview. Buttenheim Publishing Corp., 470 Park Avenue, South, New York 16.

Proceedings of the Association of School Business Officials. 1010 Church Street, Evanston, Ill.

Progressive Architecture. Reinhold Publishing Corp., 430 Park Avenue, New York 22.

School Executive. (Formerly School Executives Magazine) American School Publishing Corp., New York.

School Management. School Management Magazine, Inc., 22 West Putnam Avenue, Greenwich, Conn.

School Planning. School Planning, Inc., 75 East Wacker Drive, Chicago 1.

School Plant Studies. American Institute of Architects, 1735 New York Avenue, NW., Washington 6, D.C.

Texas School Board Journal. Texas Association of School Boards, 1512 Guadalupe, Austin.

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